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**Certification under 37 CFR 1.8(a)**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with The United States Postal Service with sufficient postage as first class mail in an envelope addressed to THE COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450 on August 31, 2004.

Brian W. Hameder (Reg. No. 45,613)

Name

Signature

DOCKET: CU-3772

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Anders Heyden et al.

Serial No.: 10/500,985

Group Art Unit:

Filed: July 6, 2004

Examiner:

For: Method and Computer Program for Digital Image Processing for Two-Dimensional Electrophoresis

THE COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of the first Office Action on the merits, whichever event occurs last. 37 CFR 1.97(b).

Date: August 31, 2004

Signature of Attorney

Brian W. Hameder

Ladas & Parry LLP

224 South Michigan Avenue

Chicago Illinois 60604

Tel. No. (312) 427-1300

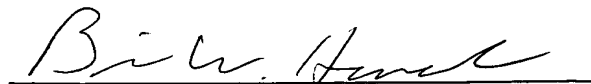
Reg. No. 45613

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**INFORMATION DISCLOSURE STATEMENT**

Applicants submit herewith patents, publications or other information of which the applicants are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose under 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

The references submitted herein are listed on PTO-1449 form (modified) enclosed herewith. A copy of each reference listed is being furnished except any duplicate or cumulative patents or publications specified otherwise. Also, if the present application was filed after June 30, 2003, copies of US patents or published applications are not submitted in accordance with the USPTO Rule changes.

A translation of any foreign language reference, if any, is indicated in PTO-1449 form and being submitted herein if it is readily available. Otherwise it should be construed that such translation is not readily available.

Additional comments, if any, on the relevance of each reference listed are provided as follows:

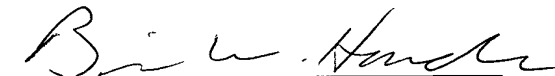
**Also submitted herein is a copy of the International Search Report which satisfies the requirement for a translation or concise explanation of any non-English reference cited therein, as provided in MPEP §609 A(3).**

The Statement is made on the basis of the information:

<u>          </u>	supplied by the inventor(s);
<u>  X  </u>	supplied by an individual associated with the filing and prosecution
<u>          </u>	of this application (37 CFR 1.56(c)); or
<u>          </u>	in the attorney's file.

Respectfully submitted,

Date: August 31, 2004



Signature of Attorney  
Brian W. Hameder  
Ladas & Parry LLP  
224 South Michigan Avenue  
Chicago Illinois 60604  
Tel. No. (312) 427-1300  
Reg. No. 45613



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Form PTO-1449 (Modified)

FORM PTO-1449	ATTY. DOCKET NO. CU-3772	SERIAL NO. 10/500,985
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT Anders Heyden et al.	
(37 CFR 1.98(b))	FILING DATE July 6, 2004	GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	5 0 7 3 9 6 3	12/1991	Sammons et al.			

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION YES   NO
	WO 0 1 0 7 9 2 0	02/2001	PCT			
	WO 0 2 1 9 2 5 7	03/2002	PCT			
	WO 9 8 2 3 9 5 0	06/1998	PCT			
	WO 9 7 0 6 8 2 5	02/1997	PCT			

**OTHER DOCUMENTS (Including Author, Title, Date, Place of publication)**

	Josso, B. et al. "Automatic 2-D Gel Registration Using Distance Minimisation of Image Morphing" Coherent and Electro-optic Research Group, IEEE, 19-21 July 2000, Pages 357-361.
	Thompson, A. et al. "Information Extraction from 2D Electrophoresis Images" Proceedings of the 20 <sup>th</sup> Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Vol. 20, No. 2, 1998.
	Huang, Q.R. et al. "Counterion Binding on Charged Spheres: Effect of pH and Ionic Strength on the Mobility of Carboxyl-Terminated Dendrimers" Department of Chemistry, Indiana University-Purdue University, J. Phys. Chem B 2000, 104, 898-904.
	Brothers II, H. et al. "Slab-Gel and Capillary Electrophoretic Characterization of Polyamidoamine Dendrimers" Michigan Molecular Institute, Journal of Chromatography A, 814 (1998) 233-246.
EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

(Form PTO-1449)